Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1.   (Currently Amended) A system based on a storage array network (SAN), ~~in which~~ the system comprising:

a plurality of hosts <u>configured to</u> share a large network storage, <u>and</u>

~~wherein~~ an original mapping table and a snapshot mapping table ~~are~~ <u>being</u> stored in the same disk ~~at a layout of a disk configuring~~ <u>of</u> a logical volume in the network storage,

<u>wherein</u> a snapshot volume is added, and a data block is allocated on the same disk if a copy-on-write (COW) operation is carried out<u>, and</u>

<u>wherein a mapping entry of the original mapping table includes a physical data block information and a snapshot status information</u>.

2.   (Cancelled)

3.   (Original) The system according to claim 2, wherein the snapshot status information of the mapping entry is a snapshot status bit (SSB) and a first allocation bit (FAB).

4-6.   (Cancelled)

7.   (New) A storage array network (SAN) system comprising:

a plurality of hosts configured to share a large network storage;

an original mapping table stored in a disk of a logical volume in the network storage; and

a snapshot mapping table stored in the same disk of the logical volume in the network storage;

wherein a snapshot volume is added, and a data block is allocated on the same disk if a copy-on-write (COW) operation is carried out, and

wherein a mapping entry of the original mapping table includes a physical data block information and a snapshot status bit (SSB) and a first allocation bit (FAB).